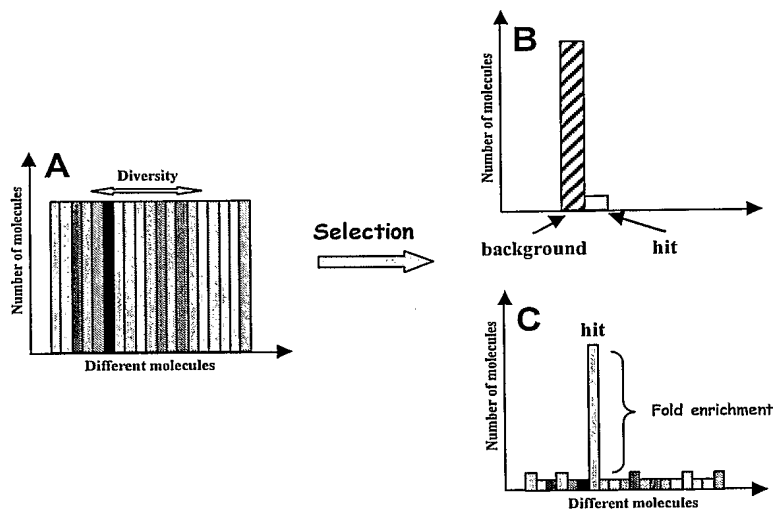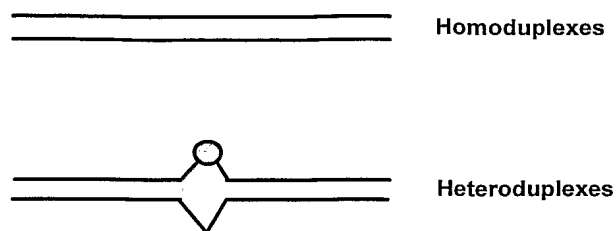Figure 1. Selection generate specific hits and
a diverse set of background binders

5
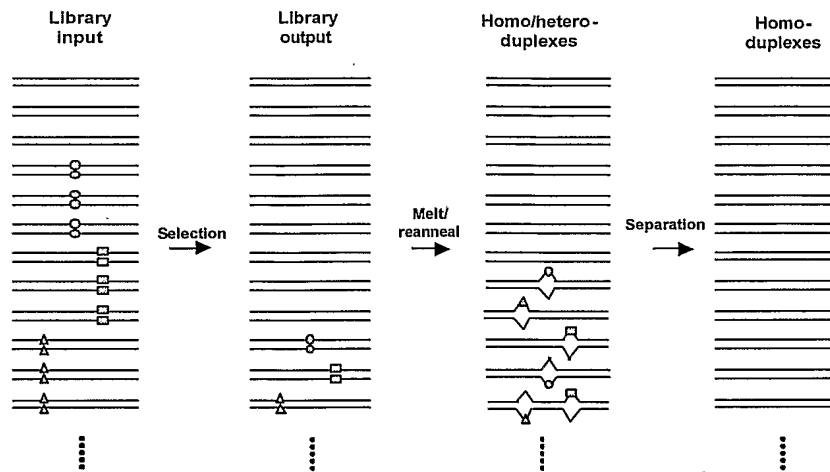
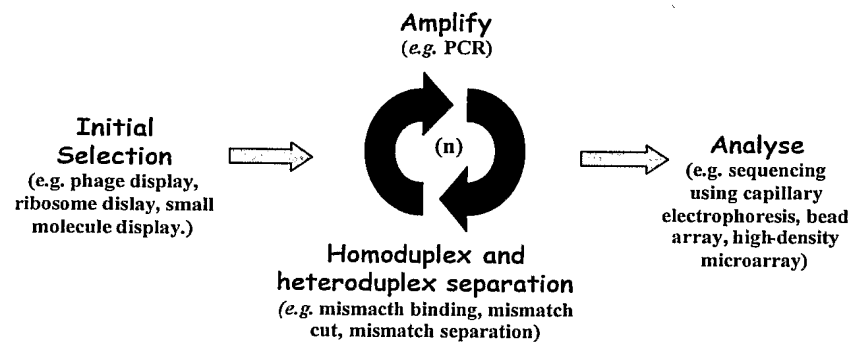## Figure 2. Homo- and heteroduplexes

Homoduplexes

Heteroduplexes

Figure 3. Homo- and Hetero-duplex formation and
separation

Figure 4. The overall principle of mismatch selection (MISE)

Amplify
(e.g. PCR)

**Initial
Selection**
(e.g. phage display,
ribosome dislay, small
molecule display.)

(n)

Analyse
(e.g. sequencing
using capillary
electrophoresis, bead
array, high-density
microarray)

**Homoduplex and
heteroduplex separation**
(e.g. mismacth binding, mismatch
cut, mismatch separation)

5

10